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HP Designjet 70 Printer series

Enlarge your vision. Bring your work to life with color and up to C+/A2+ size. Ideal for everyday business and CAD printing, the HP Designjet 70 Printer offers speed, color, and a wide range of media sizes with cost-effective operation.

Enlarge your vision

- **Enjoy the experience of printing and displaying full color up to 18 inches/458 mm wide and 50ft/15.2 m long.** For media flexibility, the HP Designjet 70 Printer handles documents up to 18 inches /458 mm wide using three independent paper paths. The HP Designjet 70 Printer meets your demanding standards for presentation-ready documents, drawings, and schematics.
- **Create sharp detail and crisp lines and text.** Precise ink placement and HP print head technology create crisp, distinct lines and sharp text. Pigment-based black ink provides lasting results for archiving CAD plots and architectural plans.* Produce rich, vibrant color with patented HP inks, 1200 dpi, and HP Color Layering technology. Interactive HP Smart printing technology makes continuous adjustments to optimize print quality.
- **Outstanding printing on a full range of media.** Multi-format, color business printing at your fingertips. From proposals to line drawings to oversized graphics, the HP Designjet 70 Printer meets daily and full-range media print needs.

Full color, superior results

- **Produce rich, vibrant color.** Achieve lasting results for archiving CAD plots and architectural plans. Produce rich, vibrant color with patented HP inks, 1200 dpi, and HP Color Layering technology. Interactive HP Smart printing technology makes continuous adjustments to optimize print quality.
- **Low maintenance.** Enjoy a low-maintenance printer that requires very little attention. Both HP printing supplies and the printer use interactive HP system technology to make automatic and continuous adjustments that optimize printing quality and accuracy.
- **Easy printer configuration in multiple network environments.** Versatile for almost any office environment, the HP Designjet 70 Printer is USB 1.1 and USB 2.0 compatible, Centronics parallel IEEE 1284 compliant, and supports an optional HP Jetdirect 620n LAN card (EIO). And for the ultimate in flexibility, an internal wireless option is available. Optimized drivers provide full support for Macintosh and Windows operating systems.

Valuable time and cost savings

- **Easy-to-use solution and intuitive drivers.** Minimize the waste and cost associated with trial and error prints. The Designjet 70 Printer offers intelligent print previewing with actual layout positioning. Enhanced drivers offer support for Auto-CAD files. The clipping advisor helps you clearly see your image as it will be printed. Easy to start and operate, the HP Designjet 70 Printer saves you valuable time.
- **Individually replaceable supplies.** The HP Designjet 70 multi-format color printer is budget friendly to own and operate. Realize lower total costs of printing and reliable ink usage with ink cartridges that can be individually replaced for a simple, cost-effective solution. And, replaceable print heads produce top ink quality throughout the life of the printer.
- **Improve office productivity.** Ideal for day-to-day business printing and a full-range media printing, the HP Designjet 70 Printer delivers the speed and high-quality performance you expect from HP. Improve operations and efficiency by printing text, lines, and images at speeds up to 11 pages per minute for letter (A4) size and up to 44 seconds per page for a C/A2-size.
- **In-house color printing up to C+/A2+ size.** Designed to reduce outsourced printing costs, the HP Designjet 70 Printer supports a full range of media, such as coated, heavyweight coated, glossy, bright white, CAD, proofing matte, and proofing semigloss. With this versatile printer, you can print business documents as well as large and wide-format materials in color, in-house.

* Black-and-white archivability in compliance with ISO Standard 11798

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1. LCD printer status indicator for ink supply maintenance and print message alerts.

2. Media tray holds up to 70 sheets of standard-size media (up to A2+/C+-size).

3. Front bypass slot accommodates cut-sheet media up to 18 inches/457 mm.

4. Small footprint allows placement of printer on tabletop or in common work area.

5. Rear bypass slot handles heavy and rigid media of weights up to 80 lb/300 g/m².

6. Optional roll feed feeds rolls up to 18 in/458 mm wide and 150 ft/45.7 m long.

HP Designjet 70 Printer front view

HP Designjet 70 Printer top view

Series at a glance

HP Designjet 70 Printer

- CMYK solution with separate ink cartridge and printheads for cost-effective and simple operation.
- Input tray for up to 70 sheets of up to 18 x 24 in/457 x 609 mm
- Optimized Macintosh and Windows drivers
- Optional HP Jetdirect LAN card offers network connectivity

Optional accessories

- HP Designjet 70/90 Roll Feed accessory
- HP Designjet 70/90 Spindle accessory
- HP Jetdirect 620n LAN card

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Architecture, engineering and construction

Construction companies can cost-effectively add on-site printing for plans, schematics and renders. Contractors can spend their valuable time on the actual job rather than worrying about lost plans and having to postpone deadlines and they can avoid relying on their local print shop. The addition of an on-site C/A2-size printer provides the perfect on-the-spot solution to solving unexpected changes.

Interior designers can create detailed plans and final presentations up to18 inches/458 mm- wide, quickly and effectively, with such professionalism that is sure to entice customers. Other applications include: pictures with renders and plots, preparation of estimates, proposals and invoices; all from a single printer.

Freelance architects and **students** can print projects and standard-size reports at any hour of the day or night, without leaving their office or dorm room. The HP Designjet 70 Printer provides the versatility required to prepare their presentations and meet deadlines.

Business professionals

Finance or IT Professionals can present financial data, collaborate on schedules, engage co-workers in the preparation of project diagrams and get the group's opinion by presenting oversized output from applications such as Visio or Excel. Printing on C+/A2-size media facilitates knowledge and editing; every individual's opinion can be captured, ensuring collaboration and acceptance before proceeding with a project.

HR Departments and administrative assistants can display posters for employee meetings, on-site events or training classes. News can be communicated quickly and effectively with little effort.

Facilities managers can easily update required safety notices or manage office space in real-time with no need to outsource.

Legal departments and law enforcement officials can map crime patterns or create persuasive courtroom graphics to help back-up their case and thereby make a more convincing appeal.

Consulting firms will find that large format printers will vastly improve their ability to involve and engage clients in working sessions. Workshops will be more dynamic and interactive and the firm will offer a more professional appeal.

General poster printing

Just about everyone can benefit from improving their communication capabilities with large-format prints and indoor signage.

In **schools**, everyone from students to teachers and parents can enjoy and be proud of their ability to create C/A2-size material for in-class presentations, course assignments, announcements and posters for school fairs, etc.

Hotel managers will be astonished at how simple it is to print sophisticated professional color posters to communicate key messages to their clients. Eye-catching notices will engage guests to participate in upcoming events, key customer care messages can be effectively communicated and menus and general hotel information can be easily kept up to date.

At last, **retailers** can display their offers professionally and with high impact. By printing in C/A2-size they will be able to clearly communicate special and new offers and ultimately differentiate themselves from competitors by having more informed and thereby more satisfied customers.

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HP Designjet 70 Printer series

Technical specifications

Product number	HP Designjet 70 Q6655A
Printing	
Technology	HP Thermal Inkjet
Technology resolution	HP Color Layering technology, PhotoREt IV
Printer cartridge colors	Black, cyan, magenta, yellow
Ink types	Pigment-based (black), dye-based (cyan, magenta, yellow)
Ink drop	18 pl (black), 4 pl (cyan, magenta, yellow)
Print speeds	
A3/B	Color image (ISO N5) Normal mode A3/B Glossy Paper: 4 min/page. The printed area dimensions (margins not included) for file N5 are 11.02 x 13.78 in (279.9 x 350 mm).
A2/C	Full color image, A2/C Plain paper: 44 sec/page
Connectivity	
Standard	USB 1.1 (USB 2.0 compliant), Centronics parallel IEEE-1284 (ECP compliant), 1 EIO slot
Optional	HP Jetdirect 620n, 615n, 680n, 610n, 600n, 175x, 310x, 380x, en3700
Drivers (included)	Raster driver for Mac OS 9.x, X.2, X.3; PCL 3-GUI Windows driver; Microsoft Windows drivers 98, Me, 2000, XP including support for AutoCAD 2000, USB and ECP drivers
Print margins	Top (sheet) 0.2 in (5 mm)
	Bottom (sheet) 0.47 in, 0.2 in (5 mm) (roll *) /*Roll is an optional accessory
	Left (sheet) 0.2 in (5 mm)
	Right (sheet) 02 in (5 mm)
Media	
Handling	70-sheet input tray, 50-sheet output tray, front single-sheet paper feed, rear path for manual single-sheet feed, optional rear roll feed
Types	Paper (plain, inkjet, coated, heavyweight coated, semi-gloss, glossy, proofing, photo, natural tracing paper (only in Japan) brochure/flyer), transparencies
Thickness (by paper path)	Tray 1: up to 0.008 in; envelopes (via tray): up to 0.015 in; front path: up to 0.008 in; rear path: up to 0.015 in
	(Tray 1: up to 0.2 mm; envelopes (via tray): up to 0.4 mm; front path: up to 0.2 mm; rear path: up to 0.4 mm)
Weights (by paper path)	Tray 1: 17.3 to 40 lb; manual single-sheet feed: 17.3 to 40 lb; rear path: up to 80 lb; roll feed: 17.3 to 40 lb
	(Tray 1: 65 to 150 g/m2; manual single-sheet feed: 65 to 210 g/m2; rear path: up to 300 g/m2; roll feed: 65 to 150 g/m2)
Sizes	Letter, legal, tabloid, executive, C, envelopes, banners (A2, A3, A4, B3, B4, A/B/C (English architectural), envelopes, banners)
Rolls (Optional Accessory)	Core diameter: 2 in (5.08 cm)
	External diameter: 3.9 in (10 cm)
	Max Weight: 7lb (3 kg)
System	
Minimum system requirements	**Windows:** Microsoft Windows 98, Me: Pentium I, 133 MHz, 48 MB RAM, 300 MB available hard disk space; Windows 2000, 2003 Server: Pentium II, 300 MHz, 128 MB RAM, 400 MB available hard disk space; Windows XP: Pentium III, 733 MHz, 128 MB RAM, 400 MB available hard disk space
	Mac: iMac G3, Mac OS 9 v 9.1, Mac OS X v X.2, 256 MB RAM, 100 MB available hard disk (compatible Macintosh hardware: iMac G3, G4, G5, G4 dual processor, G5 dual processor, iBook, PowerBook, eMac)
Recommended system requirements	**Windows:** Microsoft Windows 98, Me: Pentium I, 133 MHz, 64 MB RAM, 320 MB available hard disk space; Windows 2000, 2003 Server: Pentium III, 733 MHz, 256 MB RAM, 2 GB available hard disk space: Windows XP: Pentium IV, 1 GHz, 256 MB RAM, 2 GB available hard disk space
	Mac: Mac OS 9 v 9.2, Mac OS X v X.2 and higher, X.3, G3 dual processor, 512MB RAM, 1 GB available hard disk space
Memory	64 MB
Print languages	
Standard	PCL 3-GUI RGB
Dimensions (w x d x h)	
Maximum	35 x 38.6 x 8.7 in (890 x 980 x 220 mm)
Shipping	43 x 41 x 84 in (1088 x 1034 x 2132 mm)
Weight	
Printer	40.8 lb (18.5 kg)
Shipping	64 lb (29 kg)
What's in the box	HP Designjet 70 Printer, Power Cord, Printheads (4), Print Cartridges (4), Input/Output Tray, Input Tray Cover, Documentation and Driver CD, Setup Poster, Quick Reference Guide, Customer Service Guide

Environmental ranges	
Operating temperature	41 to 104° F (5 to 40° C)
Recommended operating temperature	59 to 91° F (15 to 35° C)
Storage temperature	-13 to 131° F (-25 to 55° C)
Operating humidity	20% to 80% RH
Recommended humidity	25% to 75% RH
Acoustic	
Sound pressure, active	50 dB(A)
Sound pressure, standby	37 dB(A)
Sound power, active	6.2 B(A)
Sound power, standby	5.4 B(A)
Power	
Consumption	48 watts (max), 14 watts (standby)
Power supply	Input voltage 100 to 240 VAC (+/- 10%) auto ranging, 50/60 Hz (+/- 3Hz), 2 amp maximum
Electromagnetic compatibility	Compliance for Class B products, Class A when connected to LANs: EU (EMC Directive), USA (FCC rules), Canada (DoC), Australia (ACA), New Zealand (MoC), China (CCC), Japan (VCCI), Class A: for Korea (MIC) and Taiwan (BSMI)
Energy Star compliant	Yes
Safety	IEC 950-compliant, EU LVD and EN60950 compliant, CSA certified for US and Canada, Mexico NOM-1-NYCE, Argentina IRAM, China CCC, Singapore PSB, Russia VNIIS, Korea KTL
Warranty	One-year next-business-day exchange (EMEA, NA, Australiasia), one-year next-business-day on-site repair (JP, AP (not including JP) except Australia and New Zealand), one-year return to HP (LAR)

Order information

Product
Q6655A HP Designjet 70 Printer

Accessories
Q6662A HP Designjet 70/90 Roll Feed accessory
Q6661A HP Designjet 70/90 Spindle accessory
J7934A HP Jetdirect 620n LAN card

Media supplies
HPB2505 HP Bright White Inkjet Paper-A/250 sheets (NA)
C5977B HP Bright White Inkjet Paper-A4/200 sheets (Europe, Asia)
HPB1724 HP Bright White Inkjet Paper-B/250 sheets (NA)
C1858A HP Bright White Inkjet Paper-A3/250 sheets (Europe, Asia)
Q14446A HP Bright White Inkjet Paper-16.54 in/150 ft roll (JP)
Q1443A HP Coated Paper-16.54/150 ft roll (Asia)
Q7897A HP Coated Paper-18 in/150 ft roll (NA, Europe)
51634Y HP Premium Paper-A/200 sheets (NA)
51634Z HP Premium Paper-A4/200 sheets (Europe)
C3828A HP Premium Plus Inkjet Transparency film-A/20 sheets (NA)
C3832A HP Premium Plus Inkjet Transparency film-A4/20 sheets
Q5486A HP Premium Plus Photo and Proofing Gloss-B+/20 sheets (NA, Europe, Asia, LAR)
Q5487A HP Premium Plus Photo and Proofing Gloss-C+/20 sheets (NA, Europe, Asia, LAR)
C7884A HP Proofing Semi-Gloss-B+/50 sheets (NA, Europe, Asia (excluding JP)
Q1967A HP Proofing Matte-B+/100 sheets (NA, Europe, Asia (excluding JP)

Ink supplies
C4844AE 10 black ink cartridge, 69 ml
C4836AE 11 cyan ink cartridge, 28 ml
C4837AE 11 magenta ink cartridge, 28 ml
C4838AE 11 yellow ink cartridge, 28 ml
C4810A 11 black printhead
C4811A 11 cyan printhead
C4812A 11 magenta printhead
C4813A 11 yellow printhead

Care packs
UC743A/E Installation - 1 Unit
UC744A/E Network installation - 1 Unit
U3423A/E Next-day Exchange, 3 years (only available in EMEA, NA, LAR, Australasia)
U3477A/E Next-day Onsite Hardware support, 3 years (only available in AP)
U3530PA/PE Next-day Exchange, 1 year (only available in EMEA, NA, LAR, Australasia)
U4662PA/PE Next-day Onsite Hardware support, 1 year (only available in AP)

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